

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 039US1	Application No. 10/759,811
	Applicant Patrick Miles et al.			
	Filing Date January 16, 2004		Group Art Unit 3732	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	5,171,279	12/15/1992	Mathews			
	2	5,792,044	8/11/1998	Foley et al.			
	3	5,944,658	8/31/1999	Koros et al.			
	4	6,095,987	8/1/2000	Schmulewitz			
	5	6,152,871	11/6/2000	Foley et al.			
	6	6,468,207	10/22/2002	Fowler Jr.			
	7	6,524,320	2/25/2003	DiPoto			
	8	6,847,849	1/25/2005	Mamo et al.			
	9	6,945,933	09/20/2005	Branch			
	10	7,261,688	8/28/2007	Smith et al.			
	11	7,582,058	9/1/2009	Miles et al.			
	12	2003/0149341	8/7/2003	Clifton			
	13	2006/0025703	2/2/2006	Miles et al.			
	14	2006/0069315	3/30/2006	Miles et al.			
	15	2007/0198062	8/23/2007	Miles et al.			
	16	2008/0058606	3/6/2008	Miles et al.			
	17	2008/0097164	4/24/2008	Miles et al.			
	18	2009/0124860	5/14/2009	Miles et al.			
	19	2009/0192403	7/30/2009	Gharib et al.			
	20	2009/0204016	8/13/2009	Gharib et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation,	
							Yes	No
	21	EP 0 972 538	1/19/2000	EPO				
	22	WO 00/38574	7/6/2000	WIPO				
	23	WO 01/37728	5/31/2001	WIPO				
	24	WO 02/054960	7/18/2002	WIPO				

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	25	WO 03/005887	1/23/2003	WIPO				
	26	WO 06/066217	6/22/2006	WIPO				

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	27	Anatomy of the Lumbar Spine in MED TM MicroEndoscopic Discectomy (1997 Ludann Grand Rapids MI) 14 pgs
	28	Dirksmeier et al. "Microendoscopic and Open Laminotomy and Discectomy in Lumbar Disc Disease" <u>Seminars in Spine Surgery</u> 1999 11(2): 138-146
	29	METRx Delivered Order Form 13 pages
	30	Medtronic Sofamor Danek "METRx™ MicroDiscectomy System," <u>Medtronic Sofamor Danek USA, 2000, 21 pgs.</u>
	31	Medtronic Sofamor Danek "METRx System Surgical Technique," 2004, 22 pages
	32	"MetRx System MicroEndoscopic Discectomy: An Evolution in Minimally Invasive Spine Surgery," <u>Sofamor Danek, 1999, 6 pages</u>
	33	Smith and Foley "MetRx System MicroEndoscopic Discectomy: Surgical Technique" <u>Medtronic Sofamor Danek, 2000, 24 pages</u>
	34	"Sofamor Danek MED Microendoscopic Discectomy System Brochure" including Rapp "New endoscopic lumbar technique improves access preserves tissue" Reprinted with permission from: Orthopedics today 1998 18(1): 2 pgs
	35	Japanese Patent Office JP Patent Application No. 2006-528306 Office Action with English Translation dated June 10, 2009, 4 pages
	36	Plaintiffs' Preliminary Invalidation Contentions re US Patents 7207949; 7470236 and 7582058, dated September 18, 2009, 19 pages
	37	Plaintiffs' Preliminary Invalidation Contentions-Appendices September 18, 2009, 191 pages
	38	Plaintiffs' Supplemental Preliminary Invalidation Contentions re US Patents 7207949, 7470236, and 7582058, dated September 29, 2009, 21 pages
	39	Plaintiffs' Supplemental Preliminary Invalidation Contentions-Appendices dated September 29, 2009, 294 pages
	40	Axon 501(k) Notification: Epoch 2000 Neurological Monitor, December 3, 1997, 464 pages
	41	Foley and Smith, "Microendoscopic Discectomy," <u>Techniques in Neurosurgery, 1997, 3(4):301-307</u>
	42	Medtronic Sofamor Danek "UNION™ / UNION-L™ Anterior & Lateral Impacted Fusion Devices: Clear choice of stabilization" <u>Medtronic Sofamor Danek, 2000, 4 pages</u>
	43	NuVasive Vector™ Cannulae, 1 page (prior to Sept. 25 2003)
	44	NuVasive Triad™ Tri-Columnar Spinal EndoArthrodesis™ via Minimally Invasive Guidance, 1 page (prior to Sept. 25 2003)
	45	NuVasive Triad™ Cortical Bone Allograft, 1 page (prior to Sept. 25 2003)

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Examiner Initial	Desig. ID	Document
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	47	Marina, "New Technology for Guided Navigation with Real Time Nerve Surveillance for Minimally Invasive Spine Discectomy & Arthrodesis," <u>Spine</u> , 2000, page 39
	48	NuVasive "INS-1 Screw Test," 2001, 10 pages
	49	NuVasive letter re 510k Neuro Vision JJB System, dated October 16, 2001, 5 pages
	50	NuVasive letter re 510k Guided Arthroscopy System, dated October 5, 1999, 6 pages
	51	NuVasive letter re 510k INS-1 Intraoperative Nerve Surveillance System, dated November 13, 2000, 7 pages
	52	"NuVasiveTM Receives Clearance to Market Two Key Elem Minimally Invasive Spine Surgery System," November 27, 2001, 20 pages
	53	Schick et al. "Microendoscopic lumbar discectomy versus open surgery: an intraoperative EMG study," <u>Eur Spine J</u> , 2002, 11: 20-26
	54	NuVasive letter re: 510(k) for Neurovision JJB System (Summary), September 25, 2001, 28 pages
	55	NuVasive letter re: Special 510(k) Premarket Notification: Neurovision JJB System (Device Description), July 3, 2003, 18 pages
	56	NuVasive letter re: Special 510(k) Premarket Notification: Neurovision JJB System (Device Description), March 1, 2004, 16 pages
	57	NuVasive letter re: Special 510(k) Premarket Notification: Neurovision JJB System (Device Description), May 26, 2005, 17 pages
	58	NuVasive letter re: 510(k) Premarket Notification: Neurovision JJB System (Device Description), June 24, 2005, 16 pages
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	61	NuVasive letter re: 510(k) Premarket Notification: Guided Spinal Arthroscopy System (Device Description), February 1, 1999, 40 pages
	62	NuVasive 510(k) Premarket Notification: Spinal System (Summary), April 12, 2004, 10 pages
	63	NuVasive 510(k) Summary NIM Monitor, September 4, 1998, 4 pages
	64	NuVasive correspondence re 510(k) Premarket Notification INS-1 Intraoperative Nerve Surveillance System: Section IV Device Description," pages 12-51 (prior to Sept. 25 2003)
	65	NuVasive letter re 510(k) Premarket Notification INS-1 Intraoperative Nerve Surveillance System, August 24, 2000, 81 pages
	66	Isley et al., "Recent Advances in Intraoperative Neuromonitoring of Spinal Cord Function: Pedicle Screw Stimulation Techniques," <u>American Journal of Electroneurodiagnostic Technology</u> , June 1997, 37(2): 93-126
	67	Mathews et al., "Laparoscopic Discectomy with Anterior Lumbar Interbody Fusion," <u>SPINE</u> , 1995, 20(16): 1797-1802

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	68	Rose et al., "Persistently Electrified Pedicle Stimulation Instruments in Spinal Instrumentation: Techniques and Protocol Development," <u>SPINE</u> , 1997, 22(3): 334-343
	69	"Electromyography System," <u>International Search report</u> , International Application No. PCT/US00/32329, (April 27, 2001), 9 pages
	70	"Nerve Proximity and Status Detection System and Method" International Search Report International Application No. PCT/US01/18606(Oct. 18 2001)6 pages.
	71	"Relative Nerve Movement and Status Detection System and Method" International Search Report International Application No. PCT/US01/18579(Jan. 15 2002)6 pages.
	72	"System and Method for Determining Nerve Proximity Direction and Pathology During Surgery" International Search Report International Application No. PCT/US02/22247(Mar. 27 2003)4 pages.
	73	"System and Methods for Determining Nerve Direction to a Surgical Instrument" International Search Report International Application No. PCT/US03/02056(Aug. 12 2003)5 pages.
	74	"Systems and Methods for Performing Percutaneous Pedicle Integrity Assessments" International Search Report International Application No. PCT/US02/35047(Aug. 11 2003)5 pages.
	75	"Systems and Methods for Performing Surgery Procedures and Assessments" International Search Report International Application No. PCT/US02/30617(Jun. 5 2003)4 pages.

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